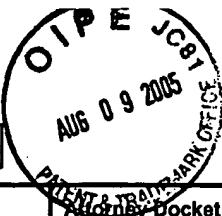


Please type a plus (+) sign in this box →

+



Substitute for form 1449

# **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

Patent Docket Number

71179/US03

First Named Inventor

Sheppard et al.

**COMPLETE IF KNOWN**

Application Number

10/645,737

Filing Date

August 21, 2003

Group Art Unit

1625

Examiner Name

Taylor V. Oh

Sheet

1

of

2

## **U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
		Number	Kind Code* (if known)		
JP		4,588,414		Takegami et al.	05-13-1986
		4,707,274		Donhauser et al.	11-17-1987
		4,812,233		Coenen et al.	03-14-1989
		4,861,919		Robbins et al.	08-29-1989
		5,080,721		Flanigan et al.	01-14-1992
		5,107,874		Flanigan et al.	04-28-1992
		5,116,423		Kokkonen et al.	05-26-1992
		5,143,554		Koyama et al.	09-01-1992
		5,200,557		Gee et al.	04-06-1993
		5,454,959		Stevens	10-03-1995
		5,527,957		Hindmarsh et al.	06-18-1996
		5,563,293		Hindmarsh et al.	10-08-1996
		5,583,254		Turner et al.	12-10-1996
		5,616,792		Bartos et al.	04-01-1997
		5,635,074		Stenstrom et al.	06-03-1997
		5,643,468		Ure	07-01-1997
		5,676,847		Yamamoto et al.	10-14-1997
		5,679,846		Hindmarsh et al.	10-21-1997
		5,698,734		Turner et al.	12-16-1997
		5,840,965		Turner et al.	11-24-1998
		5,840,968		Lee et al.	11-24-1998

Examiner  
Signature

*Taylor V. Oh*

Date  
Considered

11/10/05

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

Please type a plus (+) sign in this box →

+

Substitute for form 1449

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Attorney Docket Number 71179/US03

First Named Inventor Sheppard et al.

COMPLETE IF KNOWN

Application Number 10/645,737

Filing Date August 21, 2003

Group Art Unit 1625

Examiner Name Taylor V. Oh

Sheet

2

of

2

5,925,786	Isayama et al.	07-20-1999
5,955,394	Kelly	09-21-1999
6,228,215	Hoffman, Jr.	05-08-2001
6,495,044	Verdoes	12-17-2002
6,517,733	Carlson	02-11-2003
6,797,073	Teruggi et al.	09-28-2004
2003-0004372	Piras et al.	01-02-2003
2004-0245176	Parker et al.	12-09-2004
2004-0260052	Nagao et al.	12-23-2004
2005-0087215	Miyahara et al.	04-28-2005

## FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	T <sup>6</sup>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)			
sp		GB	983,677		Mitsui Petrochemical Industries, Ltd.	02-17-1965	
✓		GB	1 358 520		Institut Francais du Petrole	07-03-1974	

## OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author(in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>6</sup>
W		Letter to the Examiner Dated January 6, 2004 for U.S. application number 10/645, 737	

Examiner Signature

*[Signature]*

Date Considered

11/10/05

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

Please type a plus (+) sign in this box



Substitute for form 1449 <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> AUG 29 2005 PATENT AND TRADEMARK OFFICE				Attorney Docket Number	71179/US03
				First Named Inventor	Sheppard et al.
				COMPLETE IF KNOWN	
				Application Number	10/645,737
				Filing Date	August 21, 2003
				Group Art Unit	1625
Sheet	1	of	1	Examiner Name	Taylor V. Oh

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	T <sup>8</sup>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)			
TJ		EP	0111784	B1	Kuraray Yuka Co., Ltd.	02-05-1986	
		WO	99/31038	A1	Shell Internationale Research	06-24-1999	

Examiner Signature		Date Considered	11/10/05
--------------------	--	-----------------	----------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.